

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001638

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H04Q 7/24**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G06F, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 2002-6357 A (SEODU INCHIP) 19 Jan 2002 the whole document	1 - 4, 6 - 58
Y	KR-2002-44404 A (LG Electronics) 15 Jun 2002 the whole document	1 - 4, 6 - 58
Y	US 6381457 B1 (Ericsson) 30 Apr 2002 the whole document	2 - 6, 8 - 13, 15 - 20, 22 - 27, 29 - 41, 43

 Further documents are listed in the continuation of Box C. See patent family annex.

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- "P" document published prior to the international filing date but later than the priority date claimed

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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

17 SEPTEMBER 2004 (17.09.2004)

Date of mailing of the international search report

**20 SEPTEMBER 2004 (20.09.2004)**

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR2004/001638

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 2002-6357 A	19 Jan 2002	None	
KR-2002-44404 A	15 Jun 2002	None	
US 6381457 B1	30 Apr 2002	None	